

# BARBARA LYNN BLANKE

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## EDUCATION

Ph.D.	Education Emphasis: Teacher Leadership Dissertation Title: <b>Understanding Mathematical Discourse in the Elementary Classroom: A Case Study</b>	Oregon State University Corvallis, Oregon	2009
M.A.	Education, Curriculum & Instruction	California Polytechnic State University San Luis Obispo, CA	1985
B.A.	Music: History & Literature Minor in Psychology	University of Santa Clara Santa Clara, CA	1977

## CREDENTIALS AND CERTIFICATION

1994	Certified Reading Recovery Teacher	
1989	Reading Specialist Credential	Preschool – Adult
1983	Multiple Subject Credential (Life)	Grades K – 6
1980	Single Subject Credential (Life)	Preschool – Adult

## PUBLICATIONS

Blanke, B. (in press) Mathematical Discourse: Let the Kids Talk! Huntington Beach, CA: Shell Education Publications.

Blanke, B. (2016) Accelerate Math Fact Fluency: Practical Classroom Strategies, Grades 3-6. Bellevue, WA: Bureau for Education & Research.

Blanke, B. (2014) Guided Math That Works: Train-the-Trainer, Grades K-6. Bellevue, WA: Bureau for Education & Research.

Blanke, B. (2014) Guided Math, Grades K-6. Bellevue, WA: Bureau for Education & Research.

Blanke, B. (2008, 2014) What the Heck is a Rekenrek? Retrieved 12/2016  
<http://catalog.mathlearningcenter.org/store/product-8473.htm>

Blanke, B. (2010) Guided Math: Practical Strategies to Differentiate Your Math Instruction Using Small Group Instruction and Math Learning Centers, Grades 3-6. Bellevue, WA: Bureau for Education & Research.

Blanke, B. (2005). Bridges In Mathematics: Number Corner, Grade 3. Salem, OR: The Math Learning Center.

Higgins, K.M., Cermak-Rudolf, C., & Blanke, B., (2009) “Yeah, but what if...?”: A study of mathematical discourse in a third-grade classroom. In L. Knott (Ed.), *The Role of Mathematics Discourse in Producing Leaders of Discourse* (pp. 61-76). The Montana Mathematics Enthusiast Monograph Series in Mathematics Education (7), Charlotte, NC: Information Age Publishing, Inc.

## PROFESSIONAL EXPERIENCE

2016	Professional Developer/Coach	Bangkok, Thailand
2016 -Present	Professional Developer/Coach	American International School, Lagos, Nigeria
2014 – Present	Keynote Speaker and Presenter Guided Math 2-Day Conference	New Jersey, Illinois, Missouri, Minnesota, Virginia, Texas
2012 – Present	Keynote Speaker and Train-the-Trainer 4-Day Guide Math That Works! Train-the-Trainer	Chicago, Virginia, Massachusetts, Minnesota
2009-2016	Professional Developer/Coach	San Luis Coastal USD
2009 - 2014	Professional Developer/Coach	American International School, Lusaka, Zambia
2008-2010	Leadership Institute Developer/Presenter	Math Learning Center Salem, Oregon
2007-Present	Seminar Presenter: Guided Math: Practical Strategies to Differentiate Your Math Instruction Using Small Group Instruction and Math Learning Centers	Bureau of Education & Research
2006-Present	Journal Peer Reviewer <i>Teaching Children Mathematics</i>	NCTM, Reston, VA
2007	Instructor: Bridges to Mathematics: K-5	Castleton State College Castleton, Vermont
2007	Co-Instructor: TCE 557 Strategies of	Oregon State University

	Teaching Mathematics	Corvallis, Oregon
2006-Present	Professional Development Provider	Wai'ala'e Public Charter School, Honolulu, HI
2001-Present	University Supervisor	California Polytechnic State University, San Luis Obispo, CA
2005–2013	Online Course Author and Instructor: Bridges in Mathematics: A Closer Look	Western Oregon State Salem, OR
2003-2005	Full Time Lecturer & University Supervisor College of Education Courses Taught: EDUC 432: Teaching Math/Science With a Multicultural Perspective; EDUC 310: Introduction to Effective Teaching and Classroom Management; EDUC 428 & 429: Teaching K-8 Reading, Language Arts, & Children's Literature With a Multicultural Perspective; EDUC 454 & 456: Multiple Subject Student Teaching I & II Supervision EDUC X412 Teaching in a Democratic Society EDUC X418 Advanced Topics in Teaching & Learning EDUC 454 & 456: Multiple Subject Student Teaching I & II Supervision	California Polytechnic State University, San Luis Obispo, CA
2004-2010	Math Support for Teachers, New Teachers & Coaches	San Luis, AZ
2005-2007	Music Education Consultant for SLO Symphony	San Luis Obispo, CA
2003-Present	Professional Development: Course Developer/Instructor	Math Learning Center, Salem, Oregon
1994-Present	International Educational Consultant Develop and instruct professional development workshops and seminars for administrators, teachers, instructional assistants, No Child Left Behind Specialists, Title One Programs, Parent Education Nights, BTSA mentors and beginning teachers	Various Locations
2001-2003	Resident Teacher: Fall, Winter, Spring Quarters Courses Taught: EDUC 432: Teaching Math/Science With a Multicultural Perspective; EDUC 306 & X310: Introduction to Effective	California Polytechnic State University San Luis Obispo, CA

Teaching and Classroom Management in a Pluralistic Society;  
 EDUC 504: Graduate Seminar in Science and Mathematics Curriculum and Methods;  
 EDUC 300: Introduction to the Teaching Profession;  
 EDUC 307: Introduction to the Learner's Culture, Language and Identity;  
 EDUC 428: Teaching K-3 Reading, Language Arts, And Children's Literature With a Multicultural Perspective;  
 EDUC 429: Teaching 4 – 8 Reading, Language Arts, And Literature With a Multicultural Perspective;  
 EDUC 454 & 456: Multiple Subject Student Teaching I & II Supervision  
 EDUC 400: Special Fieldwork Project;  
 EDUC 532: Advanced Special Projects

2000-2001	Part-time Lecturer: Fall, Winter, Spring EDUC 432 Teaching Math/Science with a Multicultural Perspective	California Polytechnic State University, San Luis Obispo, CA
2000-2001	Classroom Teacher Grades 1 and 2	Bishop's Peak School San Luis Obispo, CA
1992-2000	Classroom/Reading Recovery Teacher Grade 1	Bishop's Peak School San Luis Obispo, CA
1994-Present	Course Instructor/Teacher Support Provider 5 Day Courses: "Developmental Math for Young Children" "Building a Professional Learning Community; Igniting Transformation in Mathematics" 3-Day Courses: "Family Mathematics in School Mathematics" "Nurturing Young Mathematicians" "The Number Corner" "Meeting The Challenge in Mathematics" 2 Day Courses: "Using Children's Curiosity To Teach Geometry and Algebraic Thinking"	Math Learning Center, Portland State University
1988-1991	Music Specialist Grades K – 6	San Luis Coastal Unified School District
1986-1991	Summer School Teacher Grades K – 1	San Luis Coastal Unified School District
1981-1988	Classroom Teacher Grades 4 – 8	Old Mission School San Luis Obispo, CA

1979-1981	Middle School/High School Teacher Music, Reading, Special Ed, Mathematics	Oak Grove SD, San Jose, CA
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## PRESENTATIONS

### National & State Conferences:

American Educational Research Association: Annual Meeting

- 2012 Vancouver, BC: Strategies that Support Mathematical Discourse in the Elementary Classroom

National Institute: Bureau of Education and Research

- 2013- Present Chicago, IL National Institute for Trainers of Trainers Guided Math: Differentiating Your K-6 Math Classroom

National Council of Supervisors of Mathematics National Conference

- 2016 Oakland, CA: Working in Harmony: Orchestrating Effective Parent Education (Lead Speaker)

National Conference of Teachers of Mathematics and Annual Meeting (18 years)

- 2017 San Antonio, TX: Sparking Connections: Educating Your Parent Community
- 2016 San Francisco, CA: The Tricky Teens: Counting in the Early Years
- 2014 New Orleans, LA: The Tricky Teens: Counting in the Early Years
- 2012 Philadelphia, PA: Making Sense of Mathematics Through Effective Small Group Instruction
- 2011 Indianapolis, IN: Featured Session: Learn↔Reflect Strand “Constructing Understanding in Geometry for ALL Students Using Guided Math”
- 2010 San Diego, CA: Featured Speaker “Guided Math: Differentiating Your K-2 Math Instruction”
- 2009 Washington D.C., “Building A Community of Learners: Meeting ALL Students’ Needs”
- 2008 Salt Lake City, Utah “Building a Professional Math Community”
- 2007 Atlanta Georgia “Making Sense of Mathematics Using Visual Models”
- 2006 St. Louis, MO “Using Questions and Visual Models in Mathematics”
- 2005 Anaheim, CA “Math A Rama” Buggy for Algebraic Thinking
- 2004 Philadelphia, PA, “Developing Numerical Power for ALL Students”
- 2003 San Antonio, TX “Building Home School Connections in Mathematics”
- 2002 Las Vegas, NV “Math Homework Connections: Children Teaching Parents
- 2000 Chicago, IL “The Math-magical World of Quilts”
- 1999 San Francisco, CA “Math Teamwork: A Family Approach to Homework”
- 1998 Washington D.C. “There is More Than Geometry in a Quilt”
- 1997 Minneapolis, MN “Basic Skills, Don’t Have to Be Drills”

International Reading Association Meeting, San Antonio, TX

- 2005 “Practice What You Preach”: Teaching Reading Methods Courses Using Quality Literature

California Kindergarten Conference, San Francisco, CA

- 2008 “Empowering All Students: Using Visual Models”
- 2005 “Algebraic Thinking in Kindergarten” Making it Interdisciplinary
- 2004 “Using Math & Science to “Bridge” Your Math Curriculum”
- 2003 “The Number Corner: Standard’s Based Distributive Practice  
California Math Conference-SS, Palm Springs, CA (14 years)
- 2016 Ignite Deeper Understanding: Educating Your Parent Community
- 2015 Orchestrating Effective Parent Education: Students Teaching Parents
- 2014 Creating Autonomous Problem Solvers in Three Simple Steps
- 2013 Using Visual Models to Make the CCSS-M Real!
- 2012 Differentiating your Math Instruction Using Small Group Instruction
- 2010 “Guided Math: Differentiated Instruction Equals Equity for ALL!”
- 2009 “Leave A Learning Legacy for ALL Students Using Guided Math”
- 2008 “Envisioning Mathematical Learning Communities of ALL!”
- 2007 “Making Sense of Mathematics: Using Visual Models in your K-5 Classroom”
- 2006 “Connecting with All Students using Genuine Questions in Mathematics”
- 2005 “Algebraic Thinking and the Scientific Process” Bugs Everywhere!
- 2004 “Transitions that Promote Mathematical Reasoning”
- 2003 “Daily Mathematical Reasoning Using The Number Corner”
- 2002 Leadership Strand Presenter: “Creating K – 3 Numerically Powerful Students”

California Math Conference: Algebraic Thinking Symposium-Central, Seaside, CA

- 2008 Algebraic Thinking for All 2-3 Students: Building the Foundation

California Math Conference-North, Asilomar, CA

- 2004 “Buggy for Algebraic Thinking” in K-3 Classrooms
- 2003 “Daily Mathematical Reasoning Using The Number Corner”

Northwest Mathematics Conference-

- 2014 Problem Solving in Three Easy Steps: Three Reads
- 2005 “Buggy for Algebraic Thinking  
Portland, Oregon
- 2004 “Transitions that Promote Mathematical Reasoning”  
Spokane, Washington
- 2003 “The Number Corner: Daily Practice” Whistler, British Columbia

## **District Inservices:**

San Luis Coastal Unified School District

- 2014-Present Model Lessons in K-6 Classrooms
- 2014 -2015 Principal & Coaches: Working with ELL Students in Mathematics
- 2013 Math Institute (3 days): Making Sense of CCSS Mathematics
- 2012 Principal’s Inservice: Being An Instructional Leader in the CCSS Era
- 2011-2016 Best Practice Using the Common Core State Standards in Math:  
Prek-6

- CCSS Math Institute K-6: Math Content Course K-6
- 2001 “Professional Development Institute” Leader of K – 3 Mathematics
- 2000 “Planning and Implementing Standards Based Instruction”
- 2000 “Creating Assessments for State Standards: How Do We Know When a Standard is Met?”
- 1999 “Assessing Mathematics”
- 1999 “Meaningful Math in Grades K-2”
- 1999 “Multiplication and Division: The Visual Way”, Grades 3-4  
Paso Robles School District
- 1998 “Early Literacy: Reading for All”
- 1997 – 2000 Math Mentor meetings “Teachers Learning Math in Order to Teach Math” Orcutt Unified School District

San Luis Obispo County Office of Education

- 2003 BTSA Inservice/Professional Development Courses  
“Effectively Teaching Mathematics for ALL Students”  
~ “Running Math Centers That Promote Learning for ALL Students”  
~ “Teaching Time & Money to K – 3 Students: Unpacking Two Tricky Content Standards”  
~ “Using Purposeful Assessments and Communicating Student Achievement”  
~ “Just A Minute! Establishing Effective Routines and procedures in Your Primary Classroom”

Atascadero Unified School District

- 2003 “Just A Minute! Routines and Transitions to Use Every Minute Effectively”

Diocese of Monterey

- 2003 “Constructive Assessment: A Practical Guide for Classroom Teachers”

## LEADERSHIP DEVELOPMENT ACTIVITIES

2016	School of Education Newsletter Contributor: Written 2 published articles celebrating SOE students presenting at National Conferences
2016 - present	Online Course, Stanford University: Jo Boaler & CMC Peer Meetings Teaching & Learning in Mathematics Revised Year Long Course
2016	Leadership Institute: Guiding Teachers Denver, CO Jo Boaler, Jennifer Bay-Williams, and other various presenters
2016	Danielson Webinar: Using the Rubric
2016	Seminar: Using Technology in Your Social Studies Classroom, Columbus, Ohio with Andrew Shaos
2015-2016	Pilot of Danielson Evaluation Tool with Student Teachers, Cal Poly Attended Meetings, Piloted Tool, Provided Feedback on Development
2014	Seminar: Problem Based Learning: Practical Strategies for “The Last Backpack Generation” Seminar Bellevue, WA Seminar with Dr. Zachary Walker,

2013	Online Course (MOODOC), Stanford University: Jo Boaler <u>How to Learn Math</u> 8 week intensive online course
2010-2014	San Luis Coastal Unified School District Mathematics “Think Tank” Member
2010	Chincha Alta, Peru: Math Instructor for 43 math teachers (volunteer)
2009-Present	Lusaka, Zambia: American International School Teacher Coach & Support
2009-Present	PACT Trainer of Scorers for the Elementary Math Event
2008-Present	PACT Scorer for Credential Candidates, California Polytechnic State University, San Luis Obispo, CA
2005-Present	Reviewer for NCTM Journal “Teaching Children Mathematics”
2001-Present	University Supervisor Meetings & Inservice Training
2003-2005	Member/Reviewer of the Business Higher Education Forum paper on U.S. Mathematics and Science Education led by Chancellor Reed and President Baker, California State University, Long Beach, CA
2002-2005	Co-Author/Field tester of Third Grade <i>Bridges In Mathematics</i> Curriculum
2002-Present	Presenter “Building a Professional Learning Community” Leadership Conferences
2001-2002	Math Learning Center: Alignment of K-2 Bridges in Mathematics Program to the NCTM, California, Arizona, New Mexico, Utah and Texas State Standards
1999-2001	Member of San Luis Coastal Unified School District’s Math Expert Team and Instructional Materials Review
1999-2000	Beginning Teacher Support and Assessment(BTSA): Support Provider. San Luis Coastal Unified School District
1998-2000	Standards Alignment and Task Analysis Committee. San Luis Coastal Unified School District
1998-2001	Instructional Materials and Review Committee. San Luis Coastal Unified School District
1995-2000	Mentor Teacher: Early Literacy/ Parent Involvement/Mathematics. San Luis Coastal Unified School District
1994-Present	Teacher Trainer/Workshop Leader/ The Math Learning Center
1994-Present	Educational Consultant for various school districts around the Country
1994-Present	Attendance at all State and National Math Conferences listed above, as well as six reading recovery conferences and the annual National Council of Supervisors of Mathematics (NCSM) conference

## **AWARDS, HONORS, GRANTS**

2016	Delta Kappa Gamma, Outstanding Professional Career Development Award
2012	EISS Grant Consultant Mathematics San Luis Coastal Unified School District
2010	Featured Speaker: National Council of Teacher’s of Mathematics Annual Meeting



- 2008     Phi Delta Phi Honor Society, Life Member
- 2007     Delta Kappa Gamma Golden Apple Award
- 2006     Supplemental Oregon Laurels Graduate Scholarship Recipient
- 2006     The Alida W. Parker Scholarship: Delta Kappa Gamma Society International
- 2006     Delta Kappa Gamma, Outstanding Service to Chapter Award
- 2004     Distinguished Lecturer Award  
California Polytechnic State University, San Luis Obispo
- 2002     Honored Alumna of the Year, College of Education  
California Polytechnic State University, San Luis Obispo
  - Recognition of outstanding accomplishments and meritorious service
- 2002     Delta Kappa Gamma, Professional Career Development Award
- 1999     National Reading Teacher Award Nominee
  - Outstanding early literacy teaching.
- 1997     Teacher of the Year
  - San Luis Obispo Council of Reading Association Award
    - Promoting literacy in San Luis Obispo County.
- 1996     Teacher of the Year – Bishop’s Peak Elementary School: San Luis Coastal Unified School District
  - Overall outstanding teaching standards and techniques
- 1996     PG&E Youth-At-Risk Grant
  - “Math Teamwork: A Family Approach”
    - Implement and design a collaborative program with Cal Poly Society Of Hispanic Engineers and Bishop’s Peak School: A bilingual family Education Program in mathematics
- 1995     PG&E Youth-At-Risk Grant
  - “Partners In Print: Family Literacy Nights”
    - Implement “Family Nights” via a partnership with the San Luis Obispo Police Department’s bilingual officers as simultaneous translators

## **PROFESSIONAL ASSOCIATIONS**

American Education Research Association  
Association of Supervision and Curriculum Development  
California Association of Supervision and Curriculum Development  
California Mathematics Council  
California Polytechnic State University, Lifetime Alumni Member 1985 - Present  
College of Education, Cal Poly: Advisory Board, Past Member  
Delta Kappa Gamma, Co-President 2004-2006  
National Council of Supervisors of Mathematics  
National Council of Teachers of Mathematics, Past Affiliate Representative  
Oregon Council of Teachers of Mathematics  
Oregon State University, Lifetime Alumni Member 2009 - Present  
Phi Delta Kappa  
Phi Kappa Phi, Life Member  
San Luis Obispo Reading Association – Past Treasurer

## **SERVICE AND UNIVERSITY CITIZENSHIP**

### **Department/College**

Contributing Author to the SOE Newsletter (3 times)  
Pilot Supervisor of Danielson Evaluation Rubric  
Advisory Committee Member (past)

### **University**

Cal Poly Community Connections Member (3 years)  
Scholarship Contributor  
Stampede Club Active Member  
Performing Arts Center Circle Member  
Mustang Mile Participant  
Member of ASI Recreation Center

### **Professional**

Volunteer in Various Community School Classrooms  
Coached and co-presented with 2 Cal Poly SOE grads at National Conferences

### **Community**

San Luis Obispo Symphony, Violinist  
Orchestra Novo, Violinist  
Community Connections Partner, 3 years  
Aware, Awake, Alive, Supporter  
Music Education Committee Member  
Jack's Helping Hand Supporter, Volunteer  
Special Olympics, SLO Supporter  
Tip A Cop/Special Olympics Volunteer